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EU funding opportunities for bioindustries

Madrid, october 11th 2018

Marta de Diego Zori

marta.dediego@cdti.es

CDTI- Division of European Programmes

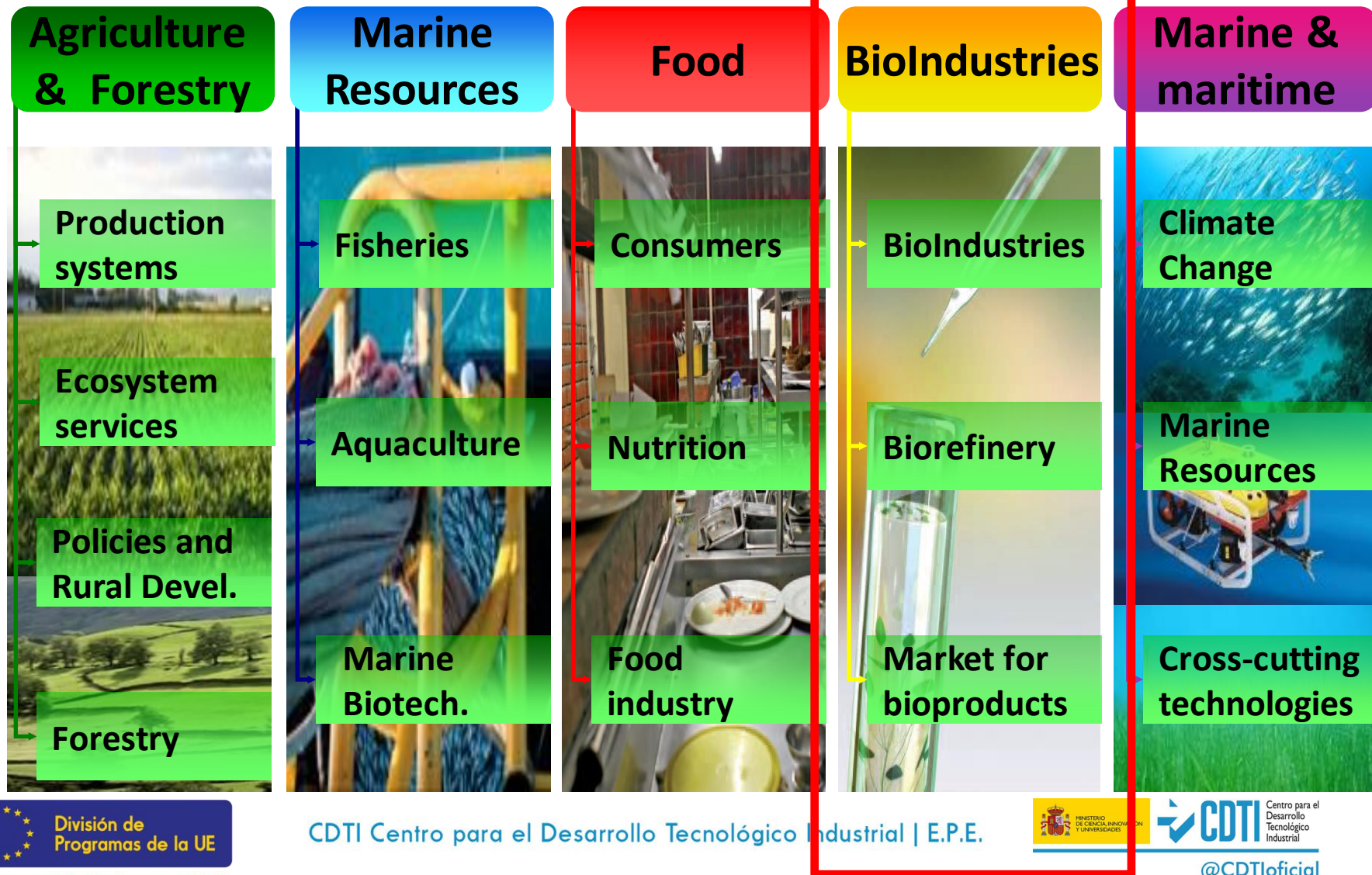


Portal español del Programa Marco de Investigación e Innovación de la Unión Europea

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H2020 SC2 - BIOECONOMY – Structure and Contents



Bio-Based Industries JU (BBI JU)

- **Public-Private Partnership (PPP)** between the European Commission & Bio-based Industries Consortium (BIC) supporting R&I for bio-based industries



<http://biconsortium.eu>



<https://www.bbi-europe.eu/>



BBI JU's objectives

BBI aims to develop **sustainable** and **competitive bio-based industries in Europe**, based on advanced biorefineries that source their biomass sustainably by:

- **Demonstrating new technologies**
to fill the gap in value chains
- **Developing business models**
integrating all economic actors
along the value chain
- **Setting-up flagship biorefinery plants**
deploying business models & technologies
to keep investment in EU

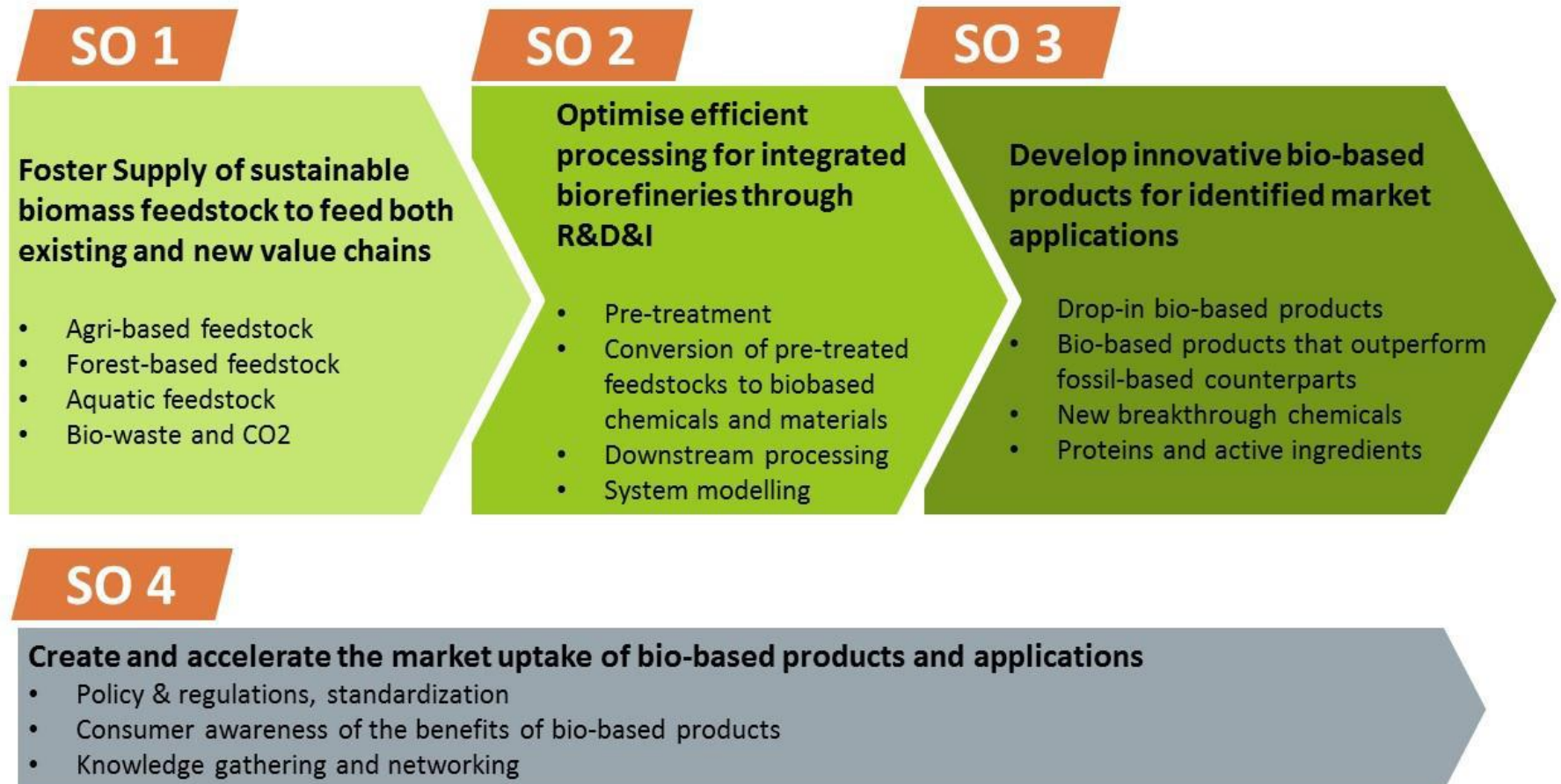


BBI- Strategic Innovation & Research Agenda (SIRA)

- Strategic document setting out the main technological and innovation challenges to develop sustainable and competitive bio-based industries in Europe

<https://www.bbi-europe.eu/sites/default/files/sira-2017.pdf>

- Four ***Strategic Orientations***



Bio-based Industries Consortium (BIC)

BIC is a mix of sectors that currently covers: Agriculture & Agri-food, aquaculture, Forestry/Pulp and Paper, Chemicals and Materials, Biotechnology and technology providers, Energy and Biofuels, End-users

■ Full members

- Large Entreprises
- Small & Medium Entreprises (SMEs)
- SME Clusters
- Brand-owners

■ Associate members

- Universities
- RTOs
- Regional clusters
- Public Institutions
- European Trade Associations
- European Technology Platforms

Opportunities for BIC members

- **Contribute to the SIRA**
- **Define the content of the Annual Work Plan**
- **Connecting with potential project partners**
- **Networking from feedstock to market. Contracts**

	BIC Members /Associated Member	Votes	Annual Fee (Euros/year)
BIC	Industry	6	30.000
BIC	SME	1	5.000
BIC	Cluster (representing SMEs)	1	5.000
AM	Associated Member		1.000

89 Full members: Large industry/SMEs

<http://biconsortium.eu/membership/full-members>

18 SMEs Clusters (122 SMEs)

<http://biconsortium.eu/membership/full-members/smes-clusters>

Associate Members

<http://biconsortium.eu/membership/associate-members>



BBI JU– Type of Actions

RIAs fill specific
Gaps in Value
Chains (VCs)

RIA
Research and
Innovation Actions



IAs address the whole VC
from feedstock sourcing
to market applications

IA-DEMO
Innovation Actions -
Demonstration



IA-FLAG
Innovation Actions -
Flagship



TRL 1 TRL 2

TRL 3 TRL 4 TRL 5

TRL 6 TRL 7

TRL 8

TRL 9

Development and
validation of technology

Demo-scale production
facility in Europe

A first-of-a-kind application,
large-scale production
facility in Europe



CSA

Coordination and Support Actions - no link to TRLs*

CSAs address non-
technological
challenges of VCs



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BBI JU - Funding rates per type of action for different entities

Participant	RIA	IA	CSA
Large Industries	/	70%	/
SMEs	100%	70%	100%
Non profit, legal entities (Universities, RTOs, NGOs etc.)	100%	100%	100%



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Desarrollo
Tecnológico
Industrial

BBI Call 2019 – Indicative data

➤ CALL 2019 (Single stage)

- ❑ **Type of actions:** RIA, IA-DEMO, IA-FLAGSHIP, CSA
- ❑ **Indicative budget:** **135 M€**
- ❑ **Pre-publication AWP 2019:** end december 2018
- ❑ **Publication date:** April 2019
- ❑ **Deadline:** September 2019

H2020-SC2 Calls WP 2018-2020

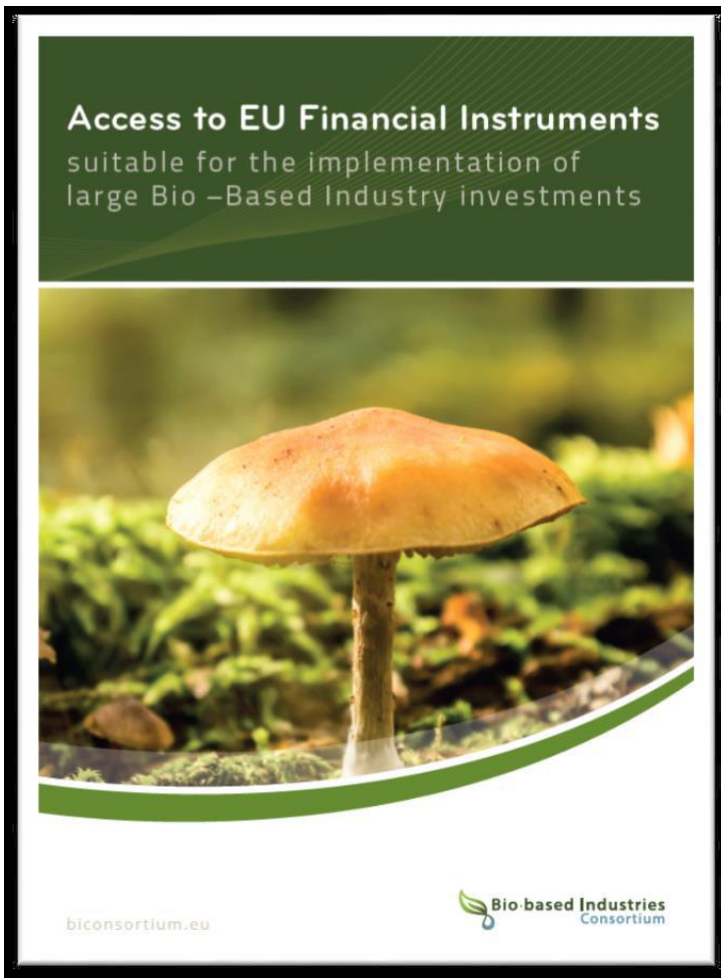
- **CE-SFS-39-2019: High-quality organic fertilisers from biogas digestate (IA, cooperation with China)**
- **BG-06-2019: Sustainable solutions for bio-based plastics on land and sea (IA)**
- **CE-RUR-10-2019: Circular bio-based business models for rural communities (IA)**
- **CE-RUR-08-2018-2019-2020: Closing nutrient cycles**
 - B.[2019] Bio-based fertilisers from animal manure (IA)
 - C.[2020] Bio-based fertilisers from other by-products of the agro-food, fisheries, aquaculture or forestry sectors (IA)
- **CE-SFS-36-2020 - Diversifying farmers' income through small bio-based concepts (not topic text yet)**

Circular Bioeconomy Thematic Investment Platform (risk-sharing financial instrument)

- The Circular Bioeconomy TIP aims at providing **access to finance to innovative bioeconomy projects** and focusses in priority, but not exclusively, on innovative circular bioeconomy projects.
- It may include projects that use **terrestrial or aquatic biomass** (including waste, residues, discards and by-products from the agricultural, agro-food, forestry and aquatic sectors) for **innovative bio-based products or processes** or to valorise it for other innovative purposes (amongst which food, feed, fertilisers or soil improvers).
- Projects **focussing exclusively or mainly on renewable energy generation** (fuels, heat or power) **are not in the scope** of the action.

Circular Bioeconomy Thematic Investment Platform (risk-sharing financial instrument)

- **Financial instrument** (in the form of debt or quasi-equity)
- Indicative timetable: Second half 2018
- Indicative budget: 100 M€ from H2020
- Managed by an external fund manager



The **Bio-based Industries Consortium (BIC)** has released a new overview of financial instruments available to support European bioeconomy development.

EU financial instruments discussed in this report include:

- The **European Structural and Investment Fund (ESIF)**
- The research and innovation programme **Horizon 2020 & BBI**
- The **European Fund for Strategic Investments (EFSI)**
- The **EIB's EU Finance for Innovators programme (InnovFin)**

https://biconsortium.eu/sites/biconsortium.eu/files/BIC_Financial_Instruments_web.pdf

Thanks for you attention!!



+ info sobre programas y ayudas
para la
internacionalización de la I+D+I española

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